

Title (en)  
BENZO (I,J) QUINOLIZINE-2-CARBOXYLIC ACID DERIVATIVES, THE SALTS AND THEIR HYDRATES, PHARMACEUTICAL COMPOSITIONS THEREOF, AND PROCESS FOR PREPARING THE SAME

Publication  
**EP 0203795 B1 19920729 (EN)**

Application  
**EP 86303948 A 19860523**

Priority  
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Abstract (en)  
[origin: EP0203795A2] Benzo[ij]quinolizine-2-carboxylic acid derivatives of the general formula [I] and the salts, and their hydrates are provided:wherein A is a methylene group and B is a carbonyl group when A and B are linked by a single bond, or A and B unite together to form a vinylene group when A and B are linked by a double bond, R<sup>1</sup> is a hydrogen atom, a C<sub>1-3</sub> alkyl group or a 2-hydroxyethyl group, R<sup>2</sup> and R<sup>3</sup> are hydrogen atoms, methyl groups or ethyl groups and may be identical to or different from each other, R<sup>3</sup> may be attached to the same carbon atom as R<sup>2</sup>, R<sup>4</sup> is a methyl or ethyl group, and X is a halogen atom. The benzo-[ij]quinolizine-2-carboxylic acid derivatives and the salts, and their hydrates have good absorbability from the digestive tract into the circulating blood and exhibit excellent and long-lasting antibacterial activity.

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**A61K 31/435**; **C07D 455/04**

IPC 8 full level  
**A61K 31/435** (2006.01); **C07D 455/04** (2006.01)

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